

LATI Latilub 73/13-20T POM, PTFE Filled

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, PTFE Filled

Material Notes:

Self-lubricating product based on Polyoxymethylene (POM). PTFE.Availability: Africa & Middle East; Asia Pacific; Europe; Latin America; North America
Information provided by Lati Industria Termoplastici S.p.A.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LATI-Latilub-7313-20T-POM-PTFE-Filled.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	
Linear Mold Shrinkage, Flow	0.0215 - 0.025 cm/cm	0.0215 - 0.025 in/in	
Linear Mold Shrinkage, Transverse	0.022 - 0.0245 cm/cm	0.022 - 0.0245 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	50.0 MPa	7250 psi	
Elongation at Break	16 %	16 %	
Elongation at Yield	5.0 %	5.0 %	
Tensile Modulus	2.70 GPa	392 ksi	
Charpy Impact Unnotched	4.50 J/cm ²	21.4 ft-lb/in ²	
Charpy Impact, Notched	0.450 J/cm ²	2.14 ft-lb/in ²	
Coefficient of Friction, Dynamic	0.090	0.090	
Coefficient of Friction, Static	0.15	0.15	
K (wear) Factor	2.20 x 10 ⁻⁸ mm ³ /N-M	1.09 x 10 ⁻¹⁰ in ³ -min/ft-lb-hr	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	145 Â°C	293 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	90.0 Â°C	194 Â°F	
Vicat Softening Point	135 Â°C	275 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	
Flammability, UL94	HB	HB	
	@Thickness 1.50 mm	@Thickness 0.0591 in	

Thermal Properties	Metric	English	Comments
Processing Properties	Metric	English	Comments
Melt Temperature	175 - 200 Â°C	347 - 392 Â°F	
Mold Temperature	70.0 - 90.0 Â°C	158 - 194 Â°F	
Drying Temperature	80.0 - 90.0 Â°C @Time 10800 sec	176 - 194 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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